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ABSTRACT

The Office of Institutional Research (IR) at Miami-Dade Community College (M-DCC) (Florida) offers the results of a survey regarding the use of the office's services. Instead of using hard copy format as in the past, the current survey was conducted online. An e-mail message requesting participation was sent to the 3,498 employees with e-mail addresses. The response rate was 9% (332 responses), higher than the rate in any previous user satisfaction survey. In general, 42% of responses were received from staff, 31% from management, and 22% from faculty. Among full-time personnel at M-DCC, faculty comprise 30%, management 17%, and classified staff 53%. Using this as a guide, the survey determined that management personnel were much more likely to have responded to the survey. Results indicated that: (1) respondents were most familiar with IR publications (40% indicated they had received them); (2) 30% of respondents had visited the IR Web site; (3) 27% had requested special information or research from the IR office; (4) management respondents were most likely to have visited the IR Web site (53%), while faculty were least likely (12%); and (5) 96% of respondents who were able to rate the accuracy of the information on the Web site agreed or strongly agreed with its accuracy. (Contains six tables, with the 2000-2001 effectiveness plan and survey instrument appended.) (NB)



Report on Users' Satisfaction with Services Provided by Institutional Research Research Report No. 2001-04R July 2001



Institutional Research

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Miami-Dade Community College

REPORT ON USERS' SATISFACTION WITH SERVICES PROVIDED BY INSTITUTIONAL RESEARCH

Research Report No. 2001-04R

July 2001

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Figures for Tables Provided by Steven Folsom Staff Associate

Miami-Dade Community College
INSTITUTIONAL RESEARCH

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Table of Contents

| | Page |
|--------------------------------------------------------------------------------------------------------------------------|------|
| Executive Summary and Conclusions | 1 |
| Introduction | 1 |
| Background | 2 |
| Methodology | 2 |
| Results | 2 |
| Who responded to the survey? | 2 |
| Which services are being used and by whom? | 3 |
| How did respondents rate Institutional Research publications? | 3 |
| How did respondents rate the Institutional Research web site? | 3 |
| How did respondents rate the service provided by Institutional Research when requesting special information or research? | 4 |
| What did users think Institutional Research does well? | 4 |
| In what areas did respondents believe Institutional Research could improve? | 5 |
| Final Note | 7 |
| Appendix A12 | :-21 |
| Appendix B | -24 |



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List of Tables

| | | Page |
|---------|---------------------------------------------------------------------------------------------------------------------------|------|
| Table 1 | Survey Respondents by Job Role | 8 |
| Table 2 | Survey Respondents by Area of Responsibility | 8 |
| Table 3 | Use of Services by Job Role of Survey Respondents | 8 |
| Table 4 | Institutional Research User Satisfaction Survey Items Related to Publications by Job Role | 9 |
| Table 5 | Institutional Research User Satisfaction Survey Items Related to Web Site by Job Role | 10 |
| Table 6 | Institutional Research User Satisfaction Survey Items Related to Requests for Special Information or Research by Joh Role | 11 |



5

Report on Users' Satisfaction with Services Provided by Institutional Research

Executive Summary and Conclusions:

The Office of Institutional Research strives to provide excellent service to the College community as an information and research resource. As part of an on-going effort to assess the office, this user satisfaction survey was conducted to determine level of satisfaction with services provided and to gather suggestions for improvement. The results were overwhelmingly favorable for all three areas surveyed (reports and publications, web site, and special research requests). All received agreement ratings well above 90% for most dimensions. The results also support the effectiveness of recent strategies to become more responsive to the changing needs of the College and to utilize technology to a greater extent in disseminating information. Some excellent suggestions for improvement were made and will be addressed by Institutional Research.

<u>Conclusion:</u> Survey results indicate that Institutional Research is doing a very good job of meeting the information and research needs of the College community. The survey results and suggestions will be used to formulate strategies to improve and modify services to keep up with the changing needs of the College.

Introduction:

The Office of Institutional Research strives to be a high-quality, service-oriented participant and contributor to Miami-Dade Community College. As part of an on-going effort to assess the effectiveness of the office and services provided, Institutional Research periodically asks its users to provide feedback on the service received. One of the primary purposes of Institutional Research is to serve as an information resource for the College – a purpose for which user feedback is invaluable to ensure that the service provided meets their needs. If Institutional Research is effective in fulfilling this purpose, the following can be expected:

- Users will receive information that is accurate, meets their needs, and supports decision-making.
- Research Reports, Information Capsules, Research Notes, and other publications will address
 issues that are relevant, timely, and objective.
- The web page will contain information that meets or exceeds the routine data needs of the College.
- Data for special requests will be provided whenever possible, and within a reasonable amount of time.

While the Office of Institutional Research serves numerous other purposes, they are not as amenable to evaluation through College user surveys. Therefore, the current survey evaluation focuses on the information resource purpose and expected results listed above.

An important, but less visible, role that Institutional Research fills is in meeting state and federal reporting requirements through the verification and submission of the Student Database, ensuring the accuracy of State Accountability and Equity Reports, and supplying data for IPEDS, Title III, Title V, College Board and other reports.

In addition, Institutional Research captures data related to placements and outcomes in workforce education programs, such as OCPs, LCPs, and supplemental job placement information. Enrollment projections and monitoring are coordinated through Institutional Research. The administration and coordination of college-wide testing and student feedback programs through the Campus Testing Departments is also the responsibility of Institutional Research. Finally, the Office plays a key role in the



Strategic Planning and Institutional Effectiveness processes at the College. The 2000-2001 Effectiveness Plan for Institutional Research details the many main purposes served by the office, as well as how achievement of expected results will be measured. A copy of the plan is included in Appendix A.

Background

The Office of Institutional Research has conducted user satisfaction surveys previously, most recently in 1994 (R.R. 95-01R) and in 1991 (R.R. 91-14R). Results from these surveys have provided valuable insight into the needs and perceptions of users and have prompted numerous changes. One of the changes was the assignment of an Institutional Research professional to each campus as a research liaison. This was done to increase campus access to services and ensure that issues addressed are relevant at the campus as well as the college level.

While Institutional Research publications generally received high marks for readability in previous surveys, several new formats were adopted. The Research Note format, which is a brief report and receives limited, targeted distribution, is used to report special request information. Executive summaries, which precede reports and capsules to provide a quick overview of results, were added to facilitate access to and use of findings.

In addition to changes made in response to survey results, the nature of the times has dictated a number of other changes. The Office of Institutional Research has become accustomed to responding very quickly to special requests and shifting priorities in keeping with the immediate needs of the College. There has also been considerable movement toward providing information electronically. Abstracts, Information Capsules, and Research Notes are being e-mailed to users in PDF format to facilitate distribution. The Institutional Research web page was created to provide quick, easy, user-friendly access to frequently requested data and information. An electronic factbook was included recently to provide a more complete picture of the College, accessible to anyone through the Internet.

Methodology

The current user survey builds on surveys administered in the past, but incorporates new items to capture input on some of the changes made by Institutional Research. A copy of the instrument is included in Appendix B. A reliability analysis using Cronbach's coefficient alpha was conducted on the Likert scaled items and the instrument was determined to be very reliable (r = .94).

Instead of sending the survey in hard copy format to a selected distribution, as in the past, the current survey was conducted on-line using a Front Page form. Responses were saved to a text file, then imported and analyzed using PC-SAS. An e-mail message requesting participation, including a direct link to the survey, was sent to all employees with e-mail addresses at the College through a college-wide distribution list (3,498 addresses).

While the response rate was only about 9%, this method resulted in 332 responses, more than in any previous user satisfaction survey conducted by Institutional Research. Many of the individuals receiving the e-mail message were unfamiliar with Institutional Research services and publications to date. It is hoped that this survey method achieved the goal of gathering feedback from as many users as possible, with the added benefit of increasing the visibility of the office for those who had not used Institutional Research services.

Results

Who responded to the survey?

Table 1 displays the self-reported job role of the survey respondents and Table 2 displays the self-reported areas of responsibility of survey respondents. The highest proportion of survey responses were



received by staff (42%), followed by management (31%) and faculty (22%). Among full-time personnel at M-DCC, faculty comprise 30%, management represent 17%, and classified staff comprise 53%. Using this as a guide, management personnel were much more likely to have responded to the survey, while faculty and staff response rates were somewhat lower than expected.

Student services was selected by twenty-nine percent of the survey respondents as their area of responsibility, and the same percentage indicated that their area was not one of the choices listed for this question. Twenty-two percent selected classroom, 14% selected academic affairs, and 5% selected business/finance as their area of responsibility.

Which services are being used and by whom?

Respondents were most familiar with Institutional Research publications (134 or 40% indicated that they had received them) (Table 3). Thirty percent (101 respondents) indicated that they had visited the Institutional Research web site and 27% (90 respondents) had requested special information or research from the office. Survey respondents who were in management roles were most likely to say they had received Institutional Research publications (74%) and staff were least likely (21%). Survey respondents who were in management roles were also most likely to say they had visited the Institutional Research web site (53%), while faculty were least likely (16%). Finally, survey respondents who were in management roles were most likely to say they had requested special information or research (58%), and staff were least likely (12%).

How did respondents rate Institutional Research publications?

Institutional Research publications were rated very highly by respondents who received them. Table 4 presents agreement ratings for the survey items related to the publications by job role of respondent. Because a number of respondents were unable to rate the publications along some of the dimensions, an agreement rating for respondents who were able to rate the item is included for each.

One hundred percent of the respondents who were able to rate the items agreed or strongly agreed that the publications report on issues and topics relevant to M-DCC, and are well written. The publications received a lower rating for their usefulness in decision-making (89% overall). Faculty indicated that the publications are less useful in decision-making (82% agreement rating) than management or staff respondents (91% and 88% agreement ratings, respectively).

Many of the items in this section appeared on the 1991 and 1994 surveys, but the response scale was different, making direct comparisons problematic. As mentioned previously, Institutional Research varied the format of the publications somewhat since the 1994 survey. It was hoped that these changes would result in publications that are easier to read and understand, more timely, and more useful to decision-makers. It does appear that the reports are more useful in decision-making. Eighty four percent of respondents in the 1994 surveys rated the usefulness of reports in decision-making as good or excellent. In the current survey, 89% of respondents who were able to rate the publications on this dimension agreed or strongly agreed that they were useful in decision-making. Other comparable items related to publications received consistent ratings across the 1994 and 2001 survey administrations.

How did respondents rate the Institutional Research web site?

Table 5 presents agreement ratings for survey items related to the Institutional Research web site. The web site was rated highly by respondents and received the highest rating for accuracy (96% of respondents able to rate this dimension agreed or strongly agreed). The lowest rating was obtained for the item pertaining to information being current (89% agreed or strongly agreed, if able to rate). This rating has prompted Institutional Research to add information to each web page indicating date of last update and anticipating when new data will be available for posting.

The number of respondents who indicated that they had visited the web site, and the ratings received for the site, suggest that this method of sharing routine information is well received by the College.



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<u>How did respondents rate the service provided by Institutional Research when requesting special information or research?</u>

The agreement ratings for items related to special information or research requests are presented in Table 6. In general, users seem to be very satisfied with the service Institutional Research provides in response to their requests. In particular, the service was rated very highly for being understandable (100% of respondents who were able to rate the service agreed or strongly agreed) and timely (99% agreed or strongly agreed). The item receiving the lowest rating was 'suggests alternative if unable to provide needed service' (94% agreed or strongly agreed).

Although many of these items were included in the 1991 and 1994 surveys very few respondents completed these items in the past (32 and 27 responses, respectively). Comparisons with previous surveys are not made for this reason, as one or two dissatisfied respondents can alter the overall ratings noticeably. However, based on the number of respondents in the current survey who indicated that they had requested special information (90 respondents), it is evident that the volume of special requests has increased. Requesting special information has become almost as routine as receiving publications from Institutional Research (134 respondents received publications).

As mentioned previously, Institutional Research has attempted to be more responsive to the immediate needs of the College by being available to fill special requests for information. By placing routine information on the web, staff have more time available for special requests. By having a campus liaison for research, the office has become more visible and accessible to the College community. It appears that these strategies are achieving the results for which they were intended.

What did users think Institutional Research does well?

Users were asked to comment on what Institutional Research does well. Almost a hundred comments were received noting a variety of strengths. Recurring themes were identified in the comments and characterized as "information resource," "reports and publications," "customer service," and "contribution to the College."

The "information resource" theme was the most common. It appears that Institutional Research is recognized among its users as an excellent source for information. Respondents frequently cited specific examples of information they needed and obtained quickly for grant applications or reports. Sample comments from this category include:

"They have a lot of knowledge about everything that relates to the college and the students."

"Statistics used to prepare external funding proposals; demographics describing student populations; assessment of M-DCC's effectiveness in re. CLAST success..."

"Provide accurate statistical information about our student population."

"IR provides useful and expert information upon request."

"I believe that IR responds well when requests are made with little notice. The staff are always willing to offer assistance."

"Reports and publications" also received many comments from respondents. Institutional Research was commended for providing a variety of reports, written in such a way as to be understandable by the users. Sample comments from this category include:

"The reports are timely and informational. They are presented in a format that is easy to understand and use."



"Clear, concise research."

"Most reports are easy to read and informative. Certain 'high priority' reports have been completed in record time."

"The reports are informative and useful in determining issues that need to be addressed at the College."

A strong "customer service" orientation by Institutional Research personnel was noted in many of the comments. Sample comments from this category include:

"Dr. Catherine Morris and her staff are very professional, competent and caring."

"You guys are always there when needed."

"...especially the staff that thinks outside the box and comes up with alternative ways to get the info requested...."

The final theme that emerged was "contribution to the College." Many comments noted the usefulness of Institutional Research reports and presentations in College planning and decision-making. Sample comments from this category include:

"Provides data useful for the programs to make informed decisions."

"I am very grateful to IR for their instrumental role and support in College-related documentation."

"...assistance in developing Institutional Effectiveness grids/measures for administrative areas."

In what areas did respondents believe Institutional Research could improve?

Respondents were asked to comment on how they believed Institutional Research could improve its services. The comments were reviewed and several themes emerged: "visibility and distribution," "web enhancements," "focus of research and reports," "planning and interaction with College," and "specific research suggestions."

As mentioned previously, this survey was sent to the entire College e-mail distribution rather than to individuals on the report distribution list as in past surveys. Apparently, a number of recipients were unfamiliar with Institutional Research, so it is no surprise that a very common area for improvement would be "visibility and distribution." Respondents suggested that Institutional Research find ways to make the College community more aware of the services provided and to distribute reports and capsules to a wider audience. Institutional Research will consider ways to do this. Sample comments from this category include:

"More information should be provided to the College Community about IR and its services."

- "...getting more information out to the College population about its services and its publications should be a bigger priority. The info is not getting to support staff adequately, for example."
- "Design seminars on each campus, including Hialeah Center to inform faculty and staff about services and possible projects."
- "...providing research reports to more interested groups of employees such as Academic Advisors and Intervention Specialists....it would be helpful if we were on the direct 'mailing list'."

Many specific suggestions were offered about "web enhancements." A number of respondents suggested that the web site should be kept up-to date. Institutional Research strives to keep the



information as up-to-date as possible. Some statistics, particularly state and national comparisons are provided by external agencies and may not be as current as M-DCC statistics generated by Institutional Research. Institutional Research will provide better notations on web pages indicating date of most recent update, and when new information is anticipated.

Additional sample comments from the 'web enhancements' category include:

"I was going to recommend that you put the full reports on the web, but I noticed that is now being done. 1) I think it might be beneficial to have past reports put on there as well. 2) Perhaps you could add a search feature" Institutional Research is currently working on putting full text of past reports on the web.

"Provide a search engine within the Institutional Research/Testing web page." Institutional Research looked into search engines and determined that the College web site search engine will serve this purpose. The College search engine links to Institutional Research web pages. Users need to simply type in the key words of interest.

"The basic data should be annualized if possible even though semester or partial year data may be available." Institutional Research is in the process of adding term/annual enrollment data by campus/center to the web.

Several suggestions were made concerning the "focus of research and reports," most requesting additional level of detail as in program, school or department level statistics. Sample comments from this category include:

"We could use more information on the campus alone concerning such issues as financial aid and students on plus ethnicity." Institutional Research handles most requests for specific information on an individual basis. Financial aid disbursements are being added to our data files and this information will be added to our web site.

"When you publish the report for Vocational and Non-credit courses, you should separate these two categories as they are no longer the same department." Institutional Research will be separating the vocational and various categories of non-credit enrollment in the next annual profile. These areas are already separated on our web site and will be separated in enrollment monitoring beginning Fall 2001.

"Perhaps not improve as much as have the ability to provide more program specific assistance." Program specific data have been provided through special information requests. Institutional Research will explore ways to make program managers more aware of this service.

"More specific info on the Schools would be helpful." Institutional Research will work with the School Directors to explore ways to provide school level data in the most meaningful format.

Some of the comments in the "planning and interaction with the College" category suggested that Institutional Research work more closely with people at the department, program or campus level to frame research and provide useful information. Other comments pertained to interpreting results of the research. The following comments are examples of this type:

"Ask Departments what kinds of data questions would allow them to operate more effectively." Institutional Research will ask the Academic Deans and Discipline Chairs for suggestions on data needs.

"Help us a bit with the conclusions, or extrapolation, to our population." Institutional Research will be adding 'conclusions' to reports and capsules whenever appropriate.



"Be a little more proactive in putting together useful and helpful information on enrollees, CLAST results, etc. Don't wait to be asked." Institutional Research will explore ways to better anticipate the research needs of the College.

A number of comments were received offering "specific research suggestions." Some of the requests received include the following:

"Staffing issues need to get more focus, as well as the major changes in faculty demographics with the greater and greater emphasis on adjuncts. Some emphasis also on the benefits of technology and impact on courses, faculty, staff, students and administration. More study of the end products of the M-DCC system – the graduates." Institutional Research will be doing a Graduate Survey this year and will explore the other suggestions with areas of the College that manage these data.

"More information on performance-based results, and suggestions for improvement at the College." Institutional Research is currently preparing a capsule update on the College's Performance Based Budgeting allocation for 2001-02.

"Development of marketing/enrollment management data to facilitate program evaluation and development." Institutional Research will be working closely with the Enrollment Management Initiative at the College to address information needs.

"I'd like to see more academic research. Are programs/courses effective? What happens to students who complete college prep, but can't pass the college prep exit test? How many students complete EAP/ESL but need college prep ..." The research agenda provided to Institutional Research by the Academic Deans included items related to this comment. Research Notes, Capsules, and Reports related to some of these specific suggestions can be found on the web (see Information Capsule 2000-09C, Research Note 1/2/2001, Research Note 3/2/2001, and Information Capsule 2001-01C for example).

Final Note

Institutional Research is very pleased with the number of survey responses received and with the excellent feedback obtained. Results were overwhelmingly favorable for all three areas of service – publications, web site, and special research requests. We plan to address suggestions for improvement as noted above, but believe that the survey results indicate that the office is achieving the positive results expected in the role of information resource. Thank you to everyone who responded to the survey and welcome to the new users of Institutional Research services.



Table 1
Survey Respondents by Job Role

| Role | Number | Percent |
|------------|--------|---------|
| Management | 102 | 31% |
| Faculty | 73 | 22% |
| Staff | 139 | 42% |
| Other | 18 | 5% |
| Total | 332 | 100% |

Table 2
Survey Respondents by Area of Responsibility

| Responsibility | Number | Percent |
|------------------|--------|---------|
| Academic Affairs | 47 | 14% |
| Classroom | 74 | 22% |
| Student Services | 96 | 29% |
| Business/Finance | 18 | 5% |
| Other | 97 | 29% |
| Total | 332 | 100% |

Table 3
Use of Services by Job Role of Survey Respondents

| | | Received | Publications | Visited | l IR Web | • | uested Information |
|------------|--------------|----------|--------------|---------|----------|-----|-----------------------|
| Role | Number | Yes | Percent | Yes | Percent | Yes | Percent |
| Management | 1 0 2 | 75 | 74% | 54 | 53% | 59 | 58% |
| Faculty | 73 | 25 | 34% | 12 | 16% | 12 | 16% |
| Staff | 139 | 29 | 21% | 28 | 20% | 16 | 12% |
| Other | 18 | 5 | 28% | 7 | 39% | 3 | 17% |
| Total | 332 | 134 | 40% | 101 | 30% | 90 | 27% |



Table 4 Institutional Research User Satisfaction Survey Items Related to Publications by Job Role*

| Number Percent Number Percent | Usagree Number Percent ch Publications Report o 0 | Strongly Disagree Unable to Rate Number Percent Number Percent | Number Percent | % Agree or Able to Rate |
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*Only respondents who indicated that they had received publications are included.



Table 5
Institutional Research User Satisfaction Survey Items Related to Web Site by Job Role*

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| Role | Number | Percent | Number | Number Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Able to Rate |
| | | | The Inform | | on Institutic | al Rese | arch's Web | ation on Institutional Research's Web Site is Frequently Needed | quently N | eeded | | | |
| Management | 18 | 34% | 31 | 28% | 2 | 4% | 0 | | 2 | 4% | 53 | 100% | %96 |
| Facuity | က | 27% | 9 | 22% | 2 | 18% | 0 | • | 0 | • | 7 | 100% | 82% |
| Staff | 9 | 21% | 17 | 61% | က | 11% | 0 | • | 2 | 7% | 28 | 100% | 88% |
| Other | 2 | 33% | 2 | 33% | . — | 17% | 0 | • | - | 17% | 9 | 100% | 80% |
| Total | 29 | 30% | 26 | 21% | 8 | 8% | 0 | • | 2 | %0 | 86 | 100% | 91% |
| i | | | The | The Information | on Institut | tional Res | earch's We | mation on Institutional Research's Web Site is Easy to Access | asy to Ac | cess | | | |
| Management | 33 | 61% | 19 | 35% | 2 | 4% | 0 | | 0 | | 52 | 100% | %96 |
| Faculty | က | 27% | 7 | 64% | - | %6 | 0 | • | 0 | • | 1 | 100% | 91% |
| Staff | 9 | 21% | 20 | 71% | - | 4% | - | 4% | 0 | • | 78 | 100% | 93% |
| Other | 4 | %29 | 2 | 33% | 0 | • | 0 | | 0 | | 9 | 100% | 100% |
| Total | 46 | 46% | 48 | 48% | 4 | 4% | 1 | 1% | 0 | • | 66 | 100% | 95% |
| | | | F | The Informat | tion on Inst | itutional F | Research's | formation on Institutional Research's Web Site is Accurate | s Accurat | | | | |
| Management | 50 | 38% | 20 | 38% | 2 | 4% | 0 | • | 5 | 19% | 52 | 100% | 95% |
| Faculty | 2 | 18% | 2 | 45% | 0 | • | 0 | • | 4 | 36% | Ξ | 100% | 100% |
| Staff | 7 | 72% | 13 | 46% | - | 4% | 0 | • | 7 | 72% | 28 | 100% | 95% |
| Other | က | 20% | 2 | 33% | 0 | | 0 | • | _ | 17% | 9 | 100% | 100% |
| Total | 32 | 33% | 40 | 41% | ဗ | 3% | 0 | • | 22 | 23% | 97 | 100% | %96 |
| | | | 1 | The Information on | | titutional | Research's | Institutional Research's Web Site is | is Current | ۰ | | | |
| Management | 20 | 37% | 28 | 25% | 4 | %2 | 1 | 7% | 1 | 7% | 75 | 100% | 91% |
| Faculty | 2 | 22% | 2 | %95 | - | 11% | 0 | ı | _ | 11% | 6 | 100% | 88% |
| Staff | 7 | 72% | 13 | 46% | თ | 11% | _ | 4% | 4 | 14% | 28 | 100% | 83% |
| Other | 2 | 40% | 2 | 40% | 0 | • | 0 | • | _ | 70% | 2 | 100% | 100% |
| Total | 31 | 32% | 48 | 20% | 8 | 8% | 7 | 2% | 7 | %2 | 96 | 100% | 89% |
| | | | The I | nformation | on Institut | ional Rese | arch's We | The Information on Institutional Research's Web Site is Comprehensive | omprehen | Sive | | | |
| Management | 17 | 32% | 31 | 28% | 3 | %9 | 0 | • | 2 | 4% | 53 | 100% | 94% |
| Faculty | က | 33% | 2 | %95 | - | 11% | 0 | • | 0 | • | တ | 100% | 89% |
| Staff | 2 | 18% | 18 | 64% | 2 | % | 0 | • | က | 11% | 78 | 100% | 95% |
| Other | 7 | 33% | က | 20% | 0 | • | 0 | • | - | 17% | 9 | 100% | 100% |
| Total | 27 | 28% | 22 | 29% | 9 | %9 | 0 | • | 9 | %9 | 96 | 100% | 03% |

*Only respondents who indicated that they had visited the web site are included.



Table 6 Institutional Research User Satisfaction Survey Items Related to Requests for Special Information or Research by Job Role*

| Protein Stratch Author Parcent A | | ā | | IEMS | Items Related to Requests for Special Information of Research by Job Note |) cleanhau | or opecial i | Chamatic | n or Resec | oc ka line | AION O | | - | 30 00 00 V |
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| Name | - | ≥\ | Agree | Ag | ree | Disa | a di di | Strongly | Jisagree | Onable | ۲Į | 2 | | % Agree or |
| The strict of the search Starf are Helpful 1 | Role | | Percent | Number | Percent | Number | Percent | Number | | Number | - 1 | Number | Percent | Able to Kate |
| 10 10 10 10 10 10 10 10 | | | | | Institu | tional Rese | arch Staff a | are Helpfu | | | | | | |
| Fig. 63% | Management | 43 | 74% | 15 | 26% | 0 | , | 0 | | 0 | | 28 | 100% | 100% |
| 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% | Faculty | 9 | 20% | 4 | 33% | - | %8 | - | %8 | 0 | • | 12 | 100% | 83% |
| 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% | Staff | 10 | 63% | 9 | 38% | 0 | • | 0 | • | 0 | • | 16 | 100% | 100% |
| Second | Other | က | 100% | 0 | • | 0 | • | 0 | • | 0 | 1 | က | 100% | 100% |
| Separatry State Separatry State Separatry State Separatry State Separatry Separatr | Total | 62 | %02 | | 28% | - | | - | 1% | 0 | • | 88 | 100% | %86 |
| y 65% 67% 18 33% 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | Institution | al Research | h Staff are | Knowledg | able | | | | | |
| Fig. 100% Fig. | Management | 39 | %29 | l | 31% | 0 | , | 0 | | - | 2% | 58 | 100% | 100% |
| Signature Sign | Faculty | 9 | 20% | က | 25% | _ | 8% | - | %8 | - | 8% | 12 | 100% | 82% |
| 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% | Staff | ∞ | 20% | 8 | 20% | 0 | • | 0 | • | 0 | • | 16 | 100% | 100% |
| Section | Other | က | 100% | 0 | , | 0 | • | 0 | • | 0 | | က | 100% | 100% |
| Institutional Research Provides the Special Information Needed 2 | Total | 26 | 63% | 53 | 33% | - | 1% | - | 1% | 2 | 2% | 89 | 100% | %86 |
| genent 40 68% 18 31% 0 - 1 2% 59 100% 1 y 6 50% 3 25% 2 17% 1 8% 100% 1 100% 1 100% 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 100% 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | Institutio | nal Resea | | s the Spec | ial Inform | ation Neec | pel | | | | |
| Fig. 100% Fig. | Management | 40 | %89 | 18 | 31% | 0 | • | 0 | ı | 1 | 2% | 29 | 100% | 100% |
| Signature Sign | Faculty | 9 | 20% | က | 25% | 5 | 17% | - | %8 | 0 | • | 12 | 100% | 75% |
| 3 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 100 | Staff | 80 | 20% | 80 | 20% | 0 | • | 0 | | 0 | • | 16 | 100% | 100% |
| State | Other | က | 100% | 0 | • | 0 | • | 0 | ı | 0 | | က | 100% | 100% |
| Institutional Research Provides the Research Assistance Needed 13 23% | Total | 22 | 63% | 29 | 32% | 7 | 2% | - | 1% | - | 1% | 06 | 100% | %26 |
| 39 68% 13 23% 1 2% 0 - 4 7% 57 100% y 4 44% 2 22% 2 22% 0 - 1 11% 9 100% y 8 50% 0 - 0 - 0 - 16 100% 1 3 100% 0 - 0 - 0 - 1 10% 1 sment 24 64% 2 3 4% 0 - 5 4% 10 - 100% 1 gement 1 9% 1 2% 1 2% 4 5 45% 1 100% y 5 31% 0 - 0 - 5 45% 1 100% y 3 40% 0 - 0 - 5 45% 1 100% | | | | Institution | nal Resear | ch Provide: | s the Resea | ⋖ | tance Nee | ded | | | | |
| y 4 44% 2 22% 2 22% 0 - 1 11% 9 100% 1 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% 1 10% <td>Management</td> <td>39</td> <td>%89</td> <td>13</td> <td>23%</td> <td>-</td> <td>2%</td> <td>0</td> <td>'</td> <td>4</td> <td>%/</td> <td>25</td> <td>100%</td> <td>%86</td> | Management | 39 | %89 | 13 | 23% | - | 2% | 0 | ' | 4 | %/ | 25 | 100% | %86 |
| Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Secondary Second | Faculty | 4 | 44% | 7 | 22% | 7 | 22% | 0 | | - | 11% | o O | 100% | 75% |
| Second Service Second Second Service Second Seco | Staff | 80 | 20% | ∞ | 20% | 0 | 1 | 0 | | 0 | • | 16 | 100% | 100% |
| 54 64% 23 27% 3 4% 0 5 6% 85 100% jement 10 17 29% 2 3% 1 2% 9 16% 5 100% y 5 31% 6 38% 0 0 - 5 45% 11 100% 1 y 5 31% 6 38% 0 - 0 - 5 31% 16 100% 1 y 1 9% 0 - 0 - 3 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 2 3 100% 1 | Other | က | 100% | 0 | • | 0 | 1 | 0 | | 0 | , | က | 100% | 100% |
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| 38 43% 27 31% 3 3% 1 1% 19 22% 88 100% Institutional Research Responds Within a Reasonable Amount of Time to Special Requests jement 38 66% 18 31% 0 - 2 3% 58 100% 1 y 10 63% 6 38% 0 - 0 - 1 9% 11 100% 1 56 64% 28 32% 1 1% 0 - 0 - 16 100% 1 Jement 39 67% 1 1% 0 - 3 3% 88 100% 1 y 5 45% 6 55% 0 - 0 - 3 100% 1 y 7 47% 7 47% 0 - 0 - 3 100% - <tr< td=""><td>Other</td><td>က</td><td>100%</td><td>0</td><td>•</td><td>0</td><td>,</td><td>0</td><td>•</td><td>0</td><td>•</td><td>က</td><td>100%</td><td>100%</td></tr<> | Other | က | 100% | 0 | • | 0 | , | 0 | • | 0 | • | က | 100% | 100% |
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| y 56% 18 31% 0 - 2 3% 58 100% 1 y 5 45% 4 36% 1 9% 0 - 1 9% 11 100% y 10 63% 6 38% 0 - 0 - 16 100% 1 56 64% 28 32% 1 1% 0 - 0 - 16 100% 1 Institutional Research Provides Information and Assistance That is Understandable gement 39 67% 190% 1 y 5 45% 6 55% 0 - 0 - 58 100% 1 y 7 47% 7 47% 0 - 0 - 1 1 1 1 3 100% - 0 - 0 - 1 1 1 | | lns | titutional | | | Within a R | easonable | Amount o | f Time to | Special Re | quests | | | |
| y 5 45% 4 36% 1 9% 0 - 1 9% 11 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 100% 1 1 100% 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Management | 38 | %99 | | 31% | 0 | 1 | 0 | | 2 | 3% | 58 | 100% | 100% |
| 10 63% 6 38% 0 - 0 - 16 100% 3 100% - 0 - 0 - 3 100% 56 64% 28 32% 1 1% 0 - 3 88 100% Jement 39 67% 19 33% 0 - 0 - 58 100% y 5 45% 6 55% 0 - 0 - 58 100% y 7 47% 0 - 0 - 11 100% y 7 47% 0 - 0 - 11 10% 3 100% - 0 - 0 - 3 100% 54 62% 32 37% 0 - 0 - 1 1 10% | Faculty | 2 | 45% | 4 | 36% | - | % 6 | 0 | • | - | % 6 | 7 | 100% | %06 |
| 3 100% 0 - 0 - 3 100% 56 64% 28 32% 1 1% 0 - 3 3% 88 100% gement 39 67% 19 33% 0 - 0 - 58 100% y 5 45% 6 55% 0 - 0 - 58 100% y 7 47% 0 - 0 - 11 10% y 7 47% 0 - 0 - 11 7% 15 10% y 7 47% 0 - 0 - 0 - 1 10% y 7 47% 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 | Staff | 5 | 63% | 9 | 38% | 0 | • | 0 | • | 0 | • | 16 | 100% | 100% |
| 56 64% 28 32% 1 1% 0 - 3 3% 88 100% gement 39 67% 19 33% 0 - 0 - 58 100% y 5 45% 6 55% 0 - 0 - 11 100% y 7 47% 0 - 0 - 11 100% 3 100% 0 - 0 - 0 - 3 100% 54 62% 32 37% 0 - 0 - 1 1% 87 100% | Other | က | 100% | 0 | • | 0 | • | 0 | | 0 | • | က | 100% | 100% |
| Institutional Research Provides Information and Assistance That is Understandable 58 100% 19 33% | Total | 56 | 64% | 28 | 32% | - | 1% | 0 | • | က | 3% | 88 | 100% | %66 |
| gement 39 67% 19 33% 0 - 0 - 58 100% 3 100% 0 - 0 - 11 100% 3 100% 0 - 0 - 15 100% 54 62% 32 37% 0 - 0 - 1 1% 87 100% | | | Institutic | onal Resea | arch Provic | les Informa | tion and A | ssistance | That is Un | derstanda | ple | | | |
| y 5 45% 6 55% 0 - 0 - 11 100% 7 47% 7 47% 0 - 0 - 15 100% 3 100% 0 - 0 - 0 - 3 100% 54 62% 32 37% 0 - 0 - 1 1% 87 100% | Management | 39 | %29 | 19 | 33% | 0 | | 0 | ٠ | 0 | • | 58 | 100% | 100% |
| 7 47% 7 47% 0 - 0 - 1 7% 15 100% 3 100% 0 - 0 - 0 - 3 100% 54 62% 32 37% 0 - 0 - 1 1% 87 100% | Faculty | 2 | 45% | 9 | 22% | 0 | • | 0 | • | 0 | 1 | 7 | 100% | 100% |
| 3 100% 0 - 0 - 0 - 3 100% 54 62% 32 37% 0 - 0 - 1 1% 87 100% | Staff | 7 | 47% | 7 | 47% | 0 | ı | 0 | • | - | %2 | 15 | 100% | 100% |
| 54 62% 32 37% 0 - 0 - 1 1% 87 100% | Other | က | 100% | 0 | .' | 0 | ı | 0 | • | 0 | • | က | 100% | 100% |
| | Total | 54 | 62% | 32 | 37% | 0 | • | 0 | • | - | 1 % | 87 | 100% | 100% |

*Only respondents who indicated that they had requested special information or research are included



AB2001-16 Sheet6 7/11/2001

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INSTITUTIONAL RESEARCH EFFECTIVENESS PLAN 2000-2001

| | | Appendix A | • • • • • • • • • • • • • • • • • • • • |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | | Summaries of reports, capsules and notes by topic area will be prepared to review coverage of relevant issues. | |
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | Pending May,2001 survey results | Pending May, 2001 survey results 3 reports published with 67 copies requested in 2000. 3 reports published with 102 copies requested in 2001. 15 capsules published in 2001 sent to a distribution list of 262 people. 40 additional copies requested and 9 people asked to be added to distribution list. 5 Research notes published in 2000 and sent to additional copies requested and 9 people asked to be added to distribution list. 5 Research notes published in 2000 and sent to 2001 sent to 50 people each. | I shed into notes published in 2000 sent to 45 people each. No publications re-issued due to errors but one capsule re-issued to include addit. detail for Hialeah Center per request. |
| ASSESSMENT METH- ODS (How we can measure our success. Exam- ples are surveys, re- duction of errors in database, reports, | User surveys. | User Surveys Reader interest will be assessed by number of requests for reports, capsules. Number of reports/capsules resissued due to errors. | |
| STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | Provide information through a variety of formats to effectively reach all interested parties. | Stay informed on issues affecting the college by interacting with committees, College leadership, legislative liaison, etc. Maintain a consistent data collection schedule to assure comparability across years. Proofread all reports prior to distribution for accuracy. Maintain up-to-date distribution lists | |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our purpose – how we can tell we are doing our job) | The College and outside users will be given accurate information to meet data needs and support decision-making. | Information Capsules, Research Reports, and Research Notes will address issues pertinent to the College, contain accurate data, and be distributed efficiently. | |
| STATEMENT OF PURPOSE (Umbrella type statements that capture our contribution to the college – our 'reason for being') | 1. To serve as an information resource for the College. | | |

| • | | |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | | New annual data file was provided by AD for IR use in answering these questions. Annual headcounts added to IR Web. AD currently working on longitudinal file for IR use. AD currently adding 'old' student numbers to files to better track students whose ID numbers changed in conversion to Odyssey and after. Will explore transfer tracking options. |
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | 20,144 hits since April, 98. Approx. yearly hits about 6,700. Two comments received – both from students looking for information and both needed to be directed to other areas of the college web site. | Currently compiling summaries of special data requests by area. Trouble filling annual enrollment data requests when needed was apparent. Currently have trouble filling 'cohort tracking' type requests. Currently limited in ability to track students into upper division enrollment, particularly in private or out-of state institutions. Pending May, 2001 survey results. |
| ASSESSMENT METH- ODS (How we can measure our success. Exam- ples are surveys, re- duction of errors in database, reports, | Number or yearly 'hits' on IR web page. Analysis of electronic 'comments' section when established. User Surveys. | Number of data requests completed by area. Number and type of data requests IR is unable to complete –those we don't have info for but perhaps should. User survey |
| STRATEGIES (How we attempt to achieve the results – ap- proaches used, steps taken, plans followed, etc.) | Maintain term and annual demographics as well as other descriptive data on the web and update annually or by term as appropriate. Refer to overall data requests to determine if recurrent requests warrant development of new web pages. Participate in the college-wide work group on web design to minimize duplication of effort and prevent posting of conflicting or redundant data. | Maintain analytical skills sufficient to complete data requests. Maintain expertise with college data files and individual areas of data expertise. Schedule major recurring program evaluation data requests on the annual reports calendar so that work can begin in advance of receiving the request. Assist users in clarifying data requests. Evaluate which of many resources is the best source of the needed information. Convey information by phone or memo if appropriate, or in a research report, capsule, etc. Maintain record of information provided |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our purpose – how we can tell we are doing our job) | IR web page information will meet or exceed the routine data needs of the College and outside users. | Special data requests from district and campus personnel and outside users will be completed in a timely manner Special requests for research and program evaluation will be conducted as priorities allow. |
| STATEMENT OF PURPOSE (Umbrella type statements that capture our con- tribution to the college – our 'rea- | 1. To serve as an information resource for the College (Continued) | |

| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | Continue keeping personnel trained as back up to prepare enrollment reports as needed. Using formulas whenever possible and doublechecking numbers against printouts. Linking summary spreadsheet to original document to eliminate need to enter numbers. Continue distributing enrollment reports via email until an on-line system is ready. Work on on-line enrollment reports ing (EIS). | Will note requests that we were unable to fill to determine if we can gain access to data needed. |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | 100% of reports distributed on time. 2 errors detected – one on headcount total when hard number was entered instead of using formula; and one on summary spreadsheet when number was entered incorrectly. 124 people receive the enrollment monitoring report via e-mail. 35 additional requested to be added to the list in 2000-01. | Title III Eligibility – all cam- puses. Title V proposals – Kendall, IAC, Medical 'Careers for Florida's Future' Incentive Grant Should keep track of re- quests we were unable to supply specific information for. |
| ASSESSMENT METH-ODS (How we can measure our success. Examples are surveys, reduction of errors in database, reports, etc.) | Percent of reports distributed on time (day of receipt of data unless report is classified as 'no distribution' by Director). Number of errors or resissued reports. Number of people using the enrollment monitoring report. | Number of grant proposals IR provided data for. |
| STRATEGIES (How we attempt to achieve the results – ap- proaches used, steps taken, plans followed, etc.) | Create and maintain a calendar of run and distribution dates Maintain an up-to-date distribution list. Maintain comparative data. | Schedule major recurring grant data requests on the annual reports calendar so that work can begin in advance of receiving the requests. |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our purpose – how we can tell we are doing our job) | Enrollment monitoring reports will be prepared and distributed in a timely manner to meet the needs of the college community. | Data will be available as needed for grants submissions. |
| STATEMENT OF PURPOSE (Umbrella type statements that capture our con- tribution to the college – our 'rea- | 1. To serve as an information resource for the College (Continued) | |





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| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | SDB resubmitted with correct GPA information – Division agreed to run reports again. Working with Division to accurately match students with new numbers. Working with programmers to correct Odyssey problem affecting completion flag. Division notified and are aware but apparently unable to correct. | Continue scheduling report deadlines and working ahead as in the past. |
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | Incorrect GPA information reported by Odyssey on SDB – picked up in Accountability Reports. Student number mismatches due to Odyssey conversion will effect Accountability Reports. College prep completion Accountability Reports. College prep completion Accountability measure needs to be cleaned up problems with Odyssey picking up completion flag from placement demographic screen. State licensure pass rates undercounted. | None |
| ASSESSMENT METHODS (How we can measure our success. Examples are surveys, reduction of errors in database, reports, etc.) | Number of errors found and corrected. Number of uncorrected errors in state published data on M-DCC. | Number of required reports submitted late. |
| STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | Compare Accountability and Equity data with past years and clarify discrepancies through consultation with experts. Report inaccuracies to the state in a timely manner. | Schedule required reports on the annual reports calendar so that work can begin in advance of receiving the request from the State. Prepare data analysis programs to produce and/or verify data for required reports as needed. Become familiar with internal information sources required to complete and/or verify reports as needed. |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our pur- pose – how we can tell we are doing our job) | State Accountability data will be monitored and verified to ensure accuracy. State equity data will be verified or provided from local sources. | Information for other required reports will be provided in a timely manner (e.g. annual Equity Report, IPEDS grad rate survey, Excess credits analysis, Perkins, Title III, Title V, College Board, Building Construction, etc.) |
| STATEMENT OF PURPOSE (Umbrella type statements that cap- ture our contribution to the college – our 'reason for being') | 2. To meet state and federal reporting re-quirements (Continued) | |



| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | Data collection and display will be moved to online EIS system. | | | Created Web Page with consumer info. | Will continue to conduct local surveys and supplement FETPIP placements as this boosts placement/success rates of many programs. |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | Not completed until May 2001 due to incorporation of School projections. | None. | , | Financial Aid Audit : Right to Know data – had but needed to post. | 117 additional positive placements achieved through local surveys. This compares to 78 the previous year All schools had additional placements for 98-99 graduates. |
| ASSESSMENT METHODS (How we can measure our success. Examples are surveys, reduction of errors in database, reports, etc.) | Internal projections for the following year are completed on time (April). | Number of State required projections submitted late. | | Number of audit questions successfully unsuccessfully resolved | Number of additional placements added through local follow-up (compared to last report year). |
| STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | Gather information from appropriate campus personnel and prepare with projection spreadsheets. Update data at the close of each term. | Analyze projected county demographics and High School graduates as they relate to M-DCC FTE. | Establish and follow approval process prior to scheduled submission dates. Submit data electronically | to the state as required. Investigate and provide written verification in response to all State Auditors data requests. | Examine match of enroll- ment and graduation data against State files. Make placement decisions, con- duct supplemental follow- up, enter results, and transmit electronically with file (FETPIP). |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our pur- pose – how we can tell we are doing our job) | Annual budget enrollment projections, and FTE enrollment projections will be prepared through campus input, approved by executive leadership, updated during the year, and reported to the | State as required. State outyear FTE projections will be analyzed using demographic data and ad- | justed as necessary. | IR will be able to confirm accuracy of information when State Auditors request data verification. | M-DCC will receive credit for all possible graduations and placements resulting from vocational program enrollment. |
| STATEMENT OF PURPOSE (Umbrella type statements that capture our contribution to the college – our 'reason for being') | To meet state and federal reporting re- quirements (Continued) | | | | 3. To capture data related to placements and outcomes in workforce education programs. |

ERIC

Full text Provided by ERIC

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|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | IR has been instrumental in captuning OCPs and LCPs to date. For next year, Odyssey programs will be run parallel to IR programs to determine which captures most effectively. IR could work more directly with program managers in suggesting actions to increase OCPs. AS OCPs replaced by PPPs. IR must coordinate Odyssey capture and submission, and validate accuracy over next year. | Requests and activities will be reviewed with the intent that work can be streamlined. Some of the information could be placed on the web EIS system, Odyssey fixes and enhancements may lessen the need for some of the activities. Related reports and capsules will continue to be produced. Workforce research summaries are planned. |
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | 3,919 LCPs captured in 2000-01; 4,416 in 1999-00 as a result of IR SAS programming. 1,935 PSAV OCPs captured in 2000-01; 1,792 in 1999-00 as a result of IR SAS programming. No OCPs completely redefined. Program managers seem to have become more lenient in allowing course substitutions. | At least 26 different requests for program productivity information or activities that promote productivities that promote productivity were completed. This does not include small inforequests that aren't logged in queues. Information related to enrollments, completions, placements, fundable outcomes, demographics of students, etc. Activities related to supplemental follow-up for placements, program code fixes, graduation checks, etc. |
| ASSESSMENT METHODS (How we can measure our success. Examples are surveys, reduction of er- rors in database, reports, etc.) | Number of OCPs and LCPs on SDB from IR SAS programming (compared to last report year). Number of OCPs redefined due to these efforts | Number of requests filled for School Directors, Discipline Chairs. |
| STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | Provide SAS programming to capture and report OCPs and LCPs until Odyssey production programming is in place. Analyze enrollments in courses designated as leading to OCPs. Examine students course taking patterns to highlight problems in OCP definition. Meet with EPPA, Cluster directors/program managers to present results from above. | Produce data on program productivity in various formats. |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our pur- pose – how we can tell we are doing our job) | M-DCC will receive all possible OCPs and LCPs for vocational and adult basic education/GED students. | Program managers will have information needed to evaluate program productivity. |
| STATEMENT OF PURPOSE (Umbrella type statements that capture our contribution to the college – our 'reason for being') | 3. To capture data re- lated to placements and outcomes in workforce education programs (con't.) | |

IR effect final4.doc, 7/2001 Page 7 of 10

| | | Will continue to monitor the student system software, document problems and submit solutions. | Placement Criteria Process overview will be revised to include Campus CASSC presentations and the process will begin earlier. | Will revise projection process next year to deduct test center inventories of tests from projections. Estimates based on expected increase or decrease not just on past usage. |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Survey expected to be ready to administer 8/2001 | | Minimal errors were reported – enhancements to CLAST registration system and test score entry screens made. | Deadlines were met so the document was approved before 7/1/2001 in spite of some confusion and lack of communication about Campus CASSC presentations. | No additional funds requested. Budget request for 2001-02 reduced due to better record-keeping of tests used and carryover from previous year. |
| User surveys. | | Error reports and feedback from Testing personnel. | Placement changes are made in time for Fall term implementation (by July 1 st). | Number of requests for additional funds to supplement testing budgets. |
| | | Submit programming re- quests for required changes. | Gather placement recommendations/changes from college personnel and discipline committees & incorporate into document. Monitor timelines and deadlines to determine reasons for any missed deadlines or delays. | Monitor testing budgets and expenses. Prepare annual board item for entry level testing materials. Monitor budget balances to determine adequacy of initial budget and appropriateness of expenditures. |
| Campus Testing Departments will have the guidance and support needed to provide consistent, efficient, and secure testing services to students. | M-DCC students, personnel, and outside users will be able to access up-to-date, consistent testing information and guidelines. | In cooperation with Applications Development & Odyssey Project Office, the student system software will meet testing and placement needs. | The annual Placement Criteria document will be prepared through campus input. | District testing accounts will be managed to ensure adequate resources for test materials, test information brochures, and test administration. |
| To coordinate college- wide testing programs through the Campus Testing Departments | | | | |
| | Campus Testing Depart- ments will have the guid- ance and support needed to provide consistent, efficient, and secure testing services to students. Receive and process test scores as appropriate in a | Campus Testing Departments will have the guidence and support needed to provide consistent, efficient, and secure testing services to students. M-DCC students, personnel, and outside users will be able to access up-to-date, consistent testing informa- | Campus Testing Departments of Campus nents will have the guidant software will near the guidant strip services and support needed to provide information to students. M-DCC students, personnel, and outside users will be able to access up-to-date, tions Development & Odyse yeroject Office, the student system software will meet testing and placement meets. | Campus Testing Depart- ments will have the guid- and outside users will be and outside users will be tions Development & Cyberit parent testing and placement Crite- in and outside users will be and toxperation with Applica- tions Development & Cyber placement come testing and placement come testing and placement come testing and placement come and procedures regularly to an adversarial and placement crite- meet testing and placement crite- meet testing and placement come and procedure reasons for any missed deadlines on de- lines to determine reasons for any wissed deadlines or de- lines to determine reasons for any provide to a proving the propertion and procedure and procedure the provided to a provide consistent testing and placement crite- ment will be pre- mendations/changes from pared through campus input, and minimate the occument. Monitor timelines and dead- lines to determine reasons for any missed deadlines or de- lays. Proving better placement trecom- med in time for Fall term mendations between the proving and procedure reasons for any missed deadlines or de- lays. |

| STATEME | 2 | (Umbrella | 44 -4- |
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|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) | Guidelines for submitting appropriate documentation will be included and checklist revised to encourage better adherence to procedures. Procedures are also being revised and updated. | | Continue working closely with AD to facilitate needed changes and enhancements. | |
| ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | Fifty-seven waiver requests processed 7/1/00 – 6/30/01. Review of requests show that some were missing documentation and/or required signatures. | Survey expected to be ready to administer in Aug, 2001. | A number of program changes were made successfully in the past year; also, enhancement to the system. | Provided information on feedback administration irregularities (late packets, comments received, etc.) Provided assistance in interpretation of results, aggregate response files maintained. |
| ASSESSMENT METHODS (How we can measure our success. Examples are surveys, reduction of errors in database, re- ports, etc.) | Number of waivers processed with all required steps followed/ not followed. | User survey. | Review of programming requests and completed work. | Review work on student feedback |
| STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | Receive, review and distribute CLAST Waiver requests. Prepare communications related to the waiver review process. Ensure that all required steps are followed. | Provide information to Cam- pus Testing Directors, Appli- cations Development, Aca- demic Deans, and Chairper- sons as required. Prepare information for distri- bution to faculty. Monitor feedback schedule to ensure deadlines are met. Review feedback process periodically to determine problems or areas needing improvement. | Submit programming re- quests and provide direction to programmers. | Prepare validity studies as requested and act as resource on survey construction and administration as requested. |
| EXPECTED RESULTS (What we expect to see if we are fulfilling our pur- pose – how we can tell we are doing our job) | Coordinate CLAST Waiver Program. | Feedback programs will be administered consistently through the Campus Testing departments. | In cooperation with Applica- tions Development, pro- gramming will support and meet the needs of the feed- back programs. | Analyses of the feedback instruments and expertise will be provided as requested. |
| STATEMENT OF PUR- POSE (Umbrella type state- ments that capture our contribution to the college – our 'reason for being') | 4. To coordinate collegewide testing programs through the Campus Testing Departments (Continued) | 5. To facilitate the ad- ministration of faculty and supervisor feedback pro- grams. | | |

| STATEMENT OF PUR- POSE (Umbrella type state- ments that capture our contribution to the college – our 'reason for being') | EXPECTED RESULTS (What we expect to see if we are fulfilling our pur- pose – how we can tell we are doing our job) | STRATEGIES (How we attempt to achieve the results – approaches used, steps taken, plans followed, etc.) | ASSESSMENT METHODS (How we can measure our success. Examples are surveys, reduction of errors in database, re- ports, etc.) | ASSESSMENT RESULTS (What the assessment told us about how well we achieved our intended results) | USE OF RESULTS (How we can change and improve based on what we have learned about our effectiveness) |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 6. To assist the College in the Strategic Planning and Institutional Effectiveness processes. | Expertise, assistance, and guidance will be provided to units in developing institutional effectiveness plans. Leadership in developing strategic plan will be provided as requested. | Serve on Institutional Effectiveness committee of CASSC and Strategic Planning coordinating committee. Meet with individual areas to assist in IE plan development as requested. Assist in developing and using appropriate assessmentmethods as needed. | Progress on Strategic Plan monitored. Acceptability of College Institutional Effectiveness Plan to College leadership and SACS. | Strategic Plan enthusias- tically adopted by Board of Trustees; updated regularly to reflect pro- gress toward strategic goals; annual update presented to Board. Stra- tegic Plan was used for 2001-02 Vision budget request. | Need to make plan more visible to college community. Managers' presentation planned for August, 2001. |
| | | | | IE Committee currently collecting information | |



-Miami-Dade Institutional Resea Community College

Institutional Research Survey of Satisfaction with Services

| What is your role at M-DCC? | What is your area of responsibility? |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| O ManagementC FacultyO StaffC Other | C Academic Affairs C Classroom C Student Services C Business & Finance C Other |

Section I. Publications

Institutional Research publishes information in a variety of formats - research reports, information capsules, research notes, fact sheets, etc. Please answer the following questions about IR publications.

Have you received any IR publications?

C Yes

○ No (if no, please skip to Section II)

Institutional Research publications

C Strongly agree

| 5 LI | tutional Research publi | cations | | | |
|------|---------------------------|-----------------|------------|---------------------|------------------|
| * | report on issues and topi | ics relevant to | M-DCC. | ' | |
| | C Strongly agree | C Agree | C Disagree | C Strongly disagree | C Unable to rate |
| * | are distributed in a time | ly fashion. | | | |
| | ○ Strongly agree | C Agree | © Disagree | © Strongly disagree | © Unable to rate |
| * | are useful in decision-m | aking. | | | |
| | C Strongly agree | C Agree | C Disagree | © Strongly disagree | C Unable to rate |
| * | are well written. | | | | |
| | C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate |
| * | are easy to understand. | | | | |
| | C Strongly agree | C Agree | © Disagree | C Strongly disagree | © Unable to rate |
| * | are interesting and infor | mative. | | | |
| | C Strongly agree | C Agree | C Disagree | C Strongly disagree | C Unable to rate |
| * | are accurate. | | | | |
| | © Strongly agree | C Agree | © Disagree | C Strongly disagree | ○ Unable to rate |
| * | are objective. | | | | |
| | C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate |



C Agree

Section II. Web Site

Have you visited the Institutional Research web site?

Institutional Research maintains a web site (www.mdcc.edu/mdcc/ir) that contains statistics on student enrollment and demographics, publication summaries, information on testing requirements, etc. Please answer the following questions about IR web site.

| C Yes C No (if no, please skip to § | Section III) | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|---------------------|------------------------------|--|--|
| The information on Institut | tional Researc | ch's web site is | | | | |
| * frequently needed. | | | | | | |
| C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate | | |
| * easy to access. | | | | | | |
| C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate | | |
| * accurate. | | | | | | |
| C Strongly agree | C Agree | C Disagree | C Strongly disagree | C Unable to rate | | |
| * current. | | | | | | |
| C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate | | |
| * comprehensive. | | | | | | |
| C Strongly agree | C Agree | © Disagree | O Strongly disagree | C Unable to rate | | |
| Section III. Special Requests | | | | | | |
| evaluation, assistance. Please answer the following questions about Institutional Research's response to special information requests. Have you requested special information or research from Institutional Research? O Yes O No (if no, please skip to Section IV) | | | | | | |
| Institutional Research | | | · · | | | |
| * staff are helpful. | | | | | | |
| C Strongly agree | C Agree | © Disagree | C Strongly disagree | O Unable to rate | | |
| * staff are knowledgeable | е. | | | | | |
| C Strongly agree | C Agree | C Disagree | C Strongly disagree | © Unable to rate | | |
| * provides the special inf | ormation need | led. | | | | |
| C Strongly agree | C Agree | ○ Disagree | C Strongly disagree | O Unable to rate | | |
| * provides the research a | ssistance need | ed. | • | | | |
| C Strongly agree | C Agree | © Disagree | © Strongly disagree | © Unable to rate | | |
| * suggests alternative if a | inable to provi | de needed servic | e. | | | |
| C Strongly agree | C Agree | © Disagree | C Strongly disagree | C Unable to rate | | |
| * responds within a reason | nable amount | of time to specia | l requests. | | | |
| | | 23 4 | 1 | was the second of the second | | |



Page 3 of 3 IR Survey

| C Strongly agree | • | C Disagree | C Strongly disagree | C Unable to rate |
|-------------------------------------------|-------------------|-------------------|---------------------|-------------------------|
| provides information ar | nd assistance the | hat is understand | able. | |
| C Strongly agree | C Agree | C Disagree | C Strongly disagree | C Unable to rate |
| Section IV. Comments | | | | |
| What do you think Institution | nal Research d | oes well? | | |
| | | | | i oʻra P in i |
| | | | | |
| | | | | S |
| | | | | |
| In what areas do you think Ir | nstitutional Re | search could imp | prove? | |
| | | | - | [|
| | | | | |
| | | | | (C) |

Institutional Research. Miami-Dade Community College. Revised: April 17, 2001





Miami-Dade Community College

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| Author(s): Joanne Bashford | | _ | |
| Corporate Source: | | | Publication Date: |
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